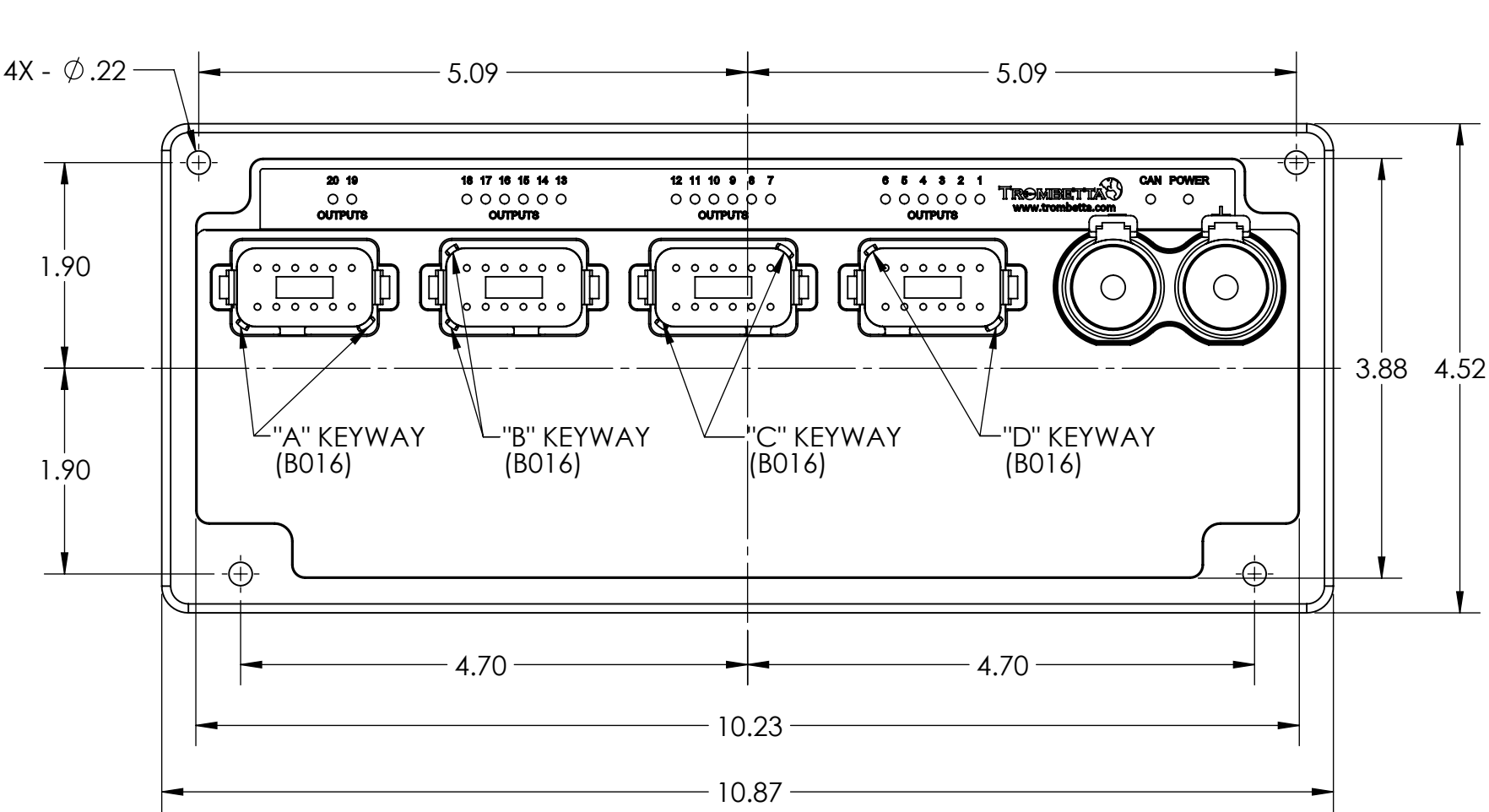


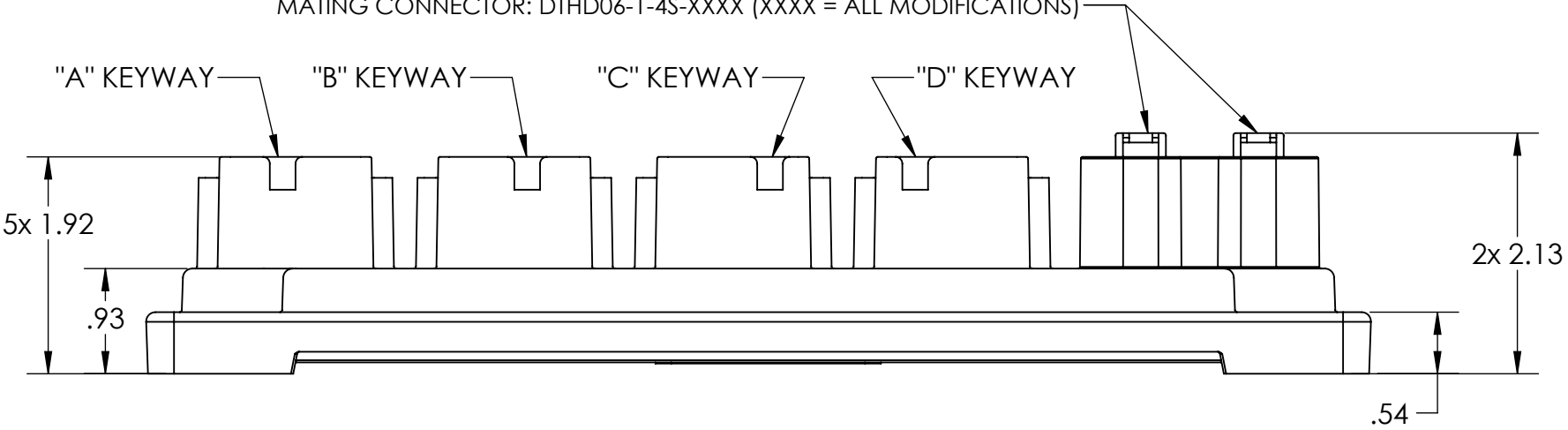


*B016 PLUG MODIFICATION HELPS PREVENT MIS-MATING BUT IS NOT REQUIRED

CONNECTOR (KEY)	CONNECTOR RECEPTACLE	CONNECTOR MATING PLUG
A	DT04-12PA-B016	DT06-12SA-B016 *
B	DT04-12PB-B016	DT06-12SB-B016 *
C	DT04-12PC-B016	DT06-12SC-B016 *
D	DT04-12PD-B016	DT06-12SD-B016 *

- NOTES:
- FOR 12V OR 24V NOMINAL SYSTEMS (OPERATING VOLTAGE 9VDC-32VDC)
 - MAX CURRENT 30A UP TO 85°C
 - 3A PER OUTPUT CONTINUOUS (NOT TO EXCEED MAX UNIT CURRENT)
 - 5A FOR BRIEF PERIODS ALLOWED ON EACH OUTPUT PAIR (NOT TO EXCEED MAX UNIT CURRENT). SEE PINOUT TABLES IN SPECIFICATION FOR OUTPUT PAIRS.
 - EACH OUTPUT HAS SHORT CIRCUIT/OVERLOAD/OPEN LOAD DETECTION AND PROTECTION. DIAGNOSTIC DATA IS SENT THROUGH CAN AND SHOWN ON OUTPUT LEDS.
 - SOLID ILLUMINATED OUTPUT LED = ON, EXTINGUISIED OUTPUT LED= OFF, OUTPUT LED FLASHING AT 2HZ = FAULT.
 - CAN LED FLASHING AT 0.5HZ = COMMUNICATION OK, CAN LED FLASHING AT 2HZ = UNIT OVER TEMPERATURE, CAN LED 0.5S ON/4.5S OFF = NO COMMUNICATION. EXTINGUISIED CAN LED = MICRO CONTROLLER NOT RUNNING.
 - POWER LED ILLUMINATED = POWERED, EXTINGUISIED POWER LED = NO POWER
 - CAN BAUD RATE IS SOFTWARE CONFIGURABLE (125KBPS, 250 KBPS, 500KBPS, 1MBPS).
 - J1939 COMMUNICATIONS PROTOCOL
 - UNIT IS REVERSE BATTERY PROTECTED.
 - IP67 RATED WITH PROPERLY MATED CONNECTORS
 - OPERATING TEMPERATURE RANGE: -40°C TO 85°C
 - STORAGE TEMPERATURE RANGE: -40°C TO 125°C (NON OPERATING)
 - MOUNTING TORQUE: RECOMMENDED 30IN-LBS / 50IN-LBS MAX
 - UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± .015
 - ROHS COMPLIANT
 - REACH COMPLIANT
 - CONFLICT-FREE COMPLIANT

CONNECTOR RECEPTACLE: DTHD04-1-4P EQUIVALENT
MATING CONNECTOR: DTHD06-1-4S-XXXX (XXXX = ALL MODIFICATIONS)



ADDRESSING INPUTS KEY:
0= PIN NOT CONNECTED OR HIGH
1= PIN CONNECTED TO GROUND

INPUT 4:	INPUT 3:	INPUT 2:	INPUT 1:	LSB OF CAN ID:
0	0	0	0	0
0	0	0	1	1
0	0	1	0	2
0	0	1	1	3
0	1	0	0	4
0	1	0	1	5
0	1	1	0	6
0	1	1	1	7
1	0	0	0	8
1	0	0	1	9
1	0	1	0	A
1	0	1	1	B
1	1	0	0	C
1	1	0	1	D
1	1	1	0	E
1	1	1	1	F